



OGMCOAL DNR <ogmcoal@utah.gov>

Genwal polymer, October and November

Madsen, Karin <kmadsen@coalsource.com>

Wed, Dec 9, 2015 at 8:04 AM

To: "Amanda Daniels <amandadaniels@utah.gov> (amandadaniels@utah.gov)" <amandadaniels@utah.gov>,
"Hibbs, David" <dhibbs@coalsource.com>, "ogmcoal@utah.gov" <ogmcoal@utah.gov>

From: Ibanez, Domenic (Huntington) [mailto:Domenic.Ibanez@sgs.com]

Sent: Sunday, December 06, 2015 6:16 PM

To: Madsen, Karin

Subject: Genwal polymer

Karin,

I apologize for the delay getting these out to you, if you have any questions or concerns please let me know.

Best Regards,

Domenic Ibanez

Laboratory Supervisor

SGS North America Inc.

Minerals Services Division

Huntington, Utah 84528

Office- [435-653-2311](tel:435-653-2311)

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E - Domenic_Ibanez@SGS.com



Genwal Resources Inc.
794 "C" Canyon Road
East Carbon, UT 84520

Client Sample ID: Polymer Test
Date Sampled: 11/25/2015
Date Received: 11/25/2015
Product Description:
Sample Taken At: Genwal Mine
Sample Taken By: KOM
Time Received: 1235
Time Sampled: 1200

Coagulant (1 mg/l) and Flocculent

Exponent	INTERCEPT	
-0.4	532.730000	
Standards	Time	Conc. Mg/l
BLANK	607	0
1	389	0.5
2	189	2.5
3	72	5
4	27	7.5

Residual Polymer (based on 1 mg/l Coagulant)

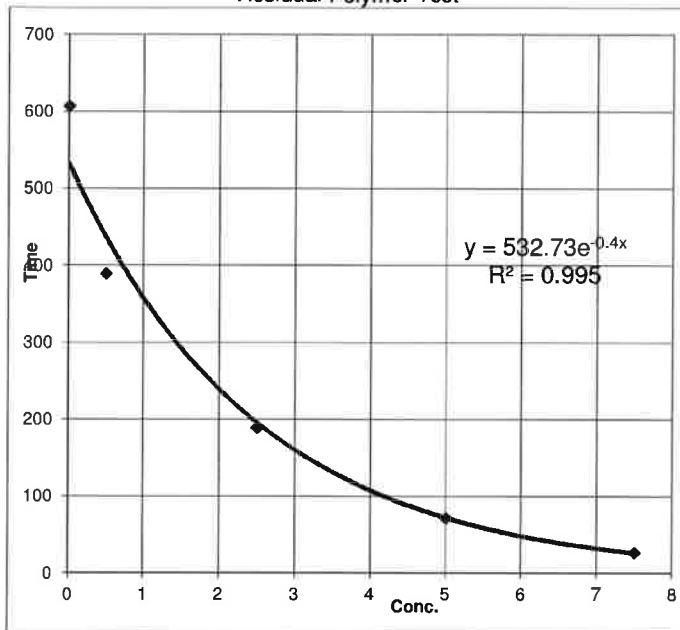
Sample #	mL of Sample	Time	Conc. Mg/l
1531465-001	45	693	ND

ND = none detect (<0 mg/l)

Analysis Report

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Residual Polymer Test



**Comments: Customer supplied method
Flocculent Date: 6/10/2015**

Domenic Ibanez
Water Lab Supervisor

SGS North America Inc.

Minerals Services
P.O. Box 1020 Huntington, UT 84528

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Genwal Resources Inc.
794 "C" Canyon Road
East Carbon, UT 84520

Client Sample ID: Polymer Test
Date Sampled: 10/29/2015
Date Received: 10/29/2015
Product Description:
Sample Taken At: Genwal Mine
Sample Taken By: KOM
Time Received: 1545
Time Sampled: 1527

Coagulant (1mg/l) and Flocculent

Exponent	INTERCEPT	
-0.4	532.730000	
Standards	Time	Conc. Mg/l
BLANK	607	0
1	389	0.5
2	189	2.5
3	72	5
4	27	7.5

Residual Polymer (based on 1 mg/l Coagulant)

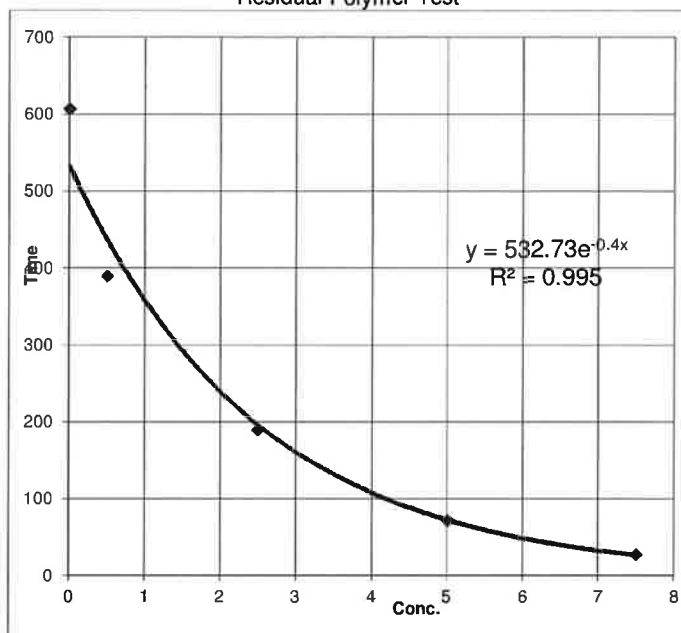
Sample #	mL of Sample	Time	Conc. Mg/l
1531188-001	45	676	ND

ND = none detect (<0 mg/l)

Analysis Report

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Residual Polymer Test



Comments: Customer supplied method
Flocculent Date: 6/10/2015

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